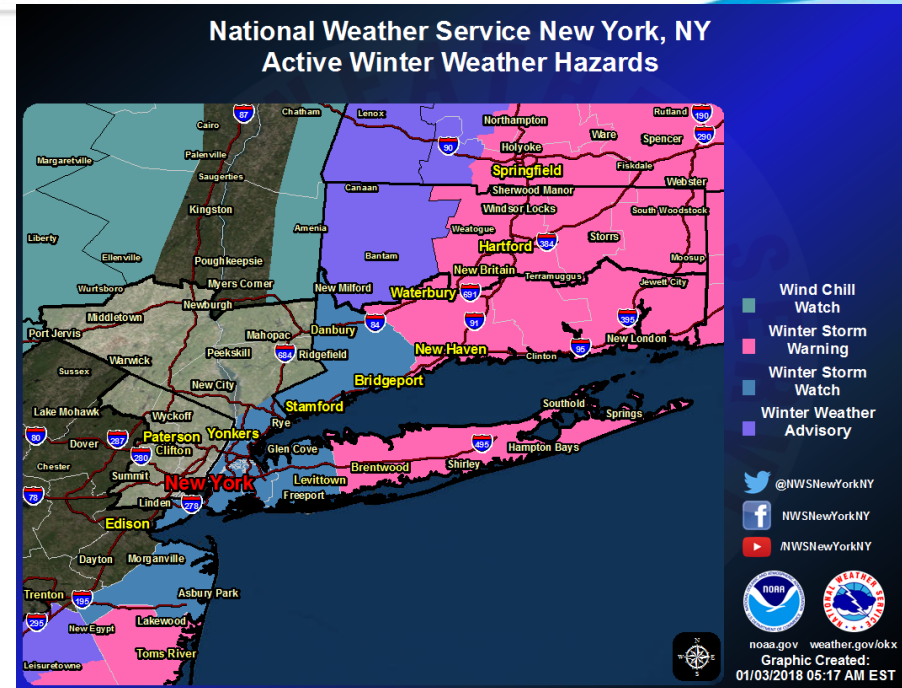


Heavy Snow/Wind Tonight into Thursday






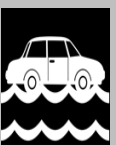
Decision Support Briefing #2
As of: 5am January 3, 2018



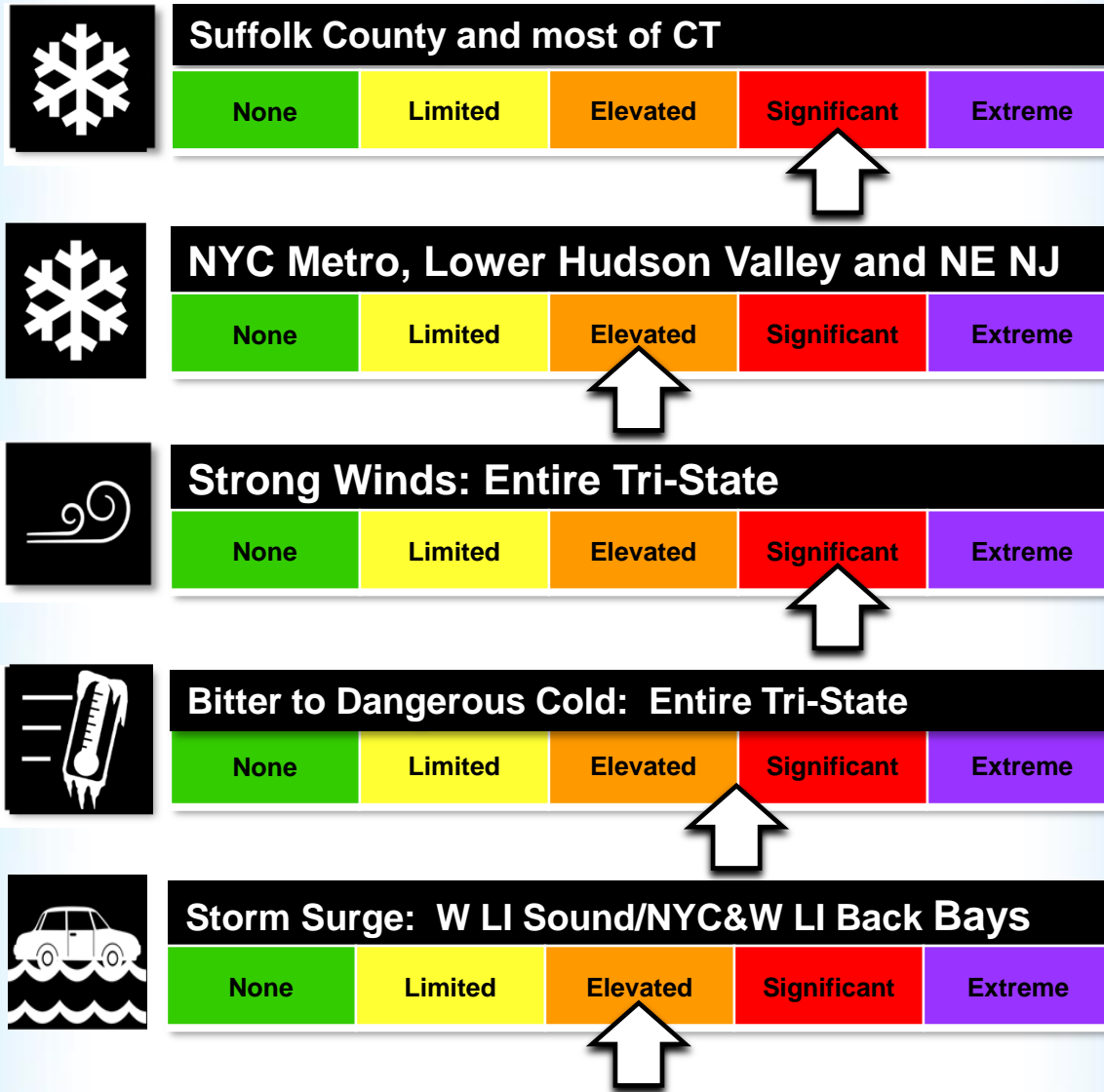
What's Changed?

- Suffolk County and much of S CT upgraded to Winter Storm Warning
- Winter Storm Watch Issued for NYC metro, Nassau County, and SW CT
- Gale and Storm warnings issued for nearshore waters

Main Points

Hazard	Impacts	Location	Timing
Snow 	<ul style="list-style-type: none"> • 6-10" likely, with excess of 1' possible. • Snowfall rates 1 to 2" / hr likely • Blizzard conditions possible • Difficult travel 	Suffolk, New London, New Haven and Middlesex Counties	Late Tonight through Thursday
	<ul style="list-style-type: none"> • 3-6" of snow, with excess of 6" possible • Snowfall rates of 1"/hr possible • Significant travel delays likely 	NYC, NE NJ, W LI, SW CT, and Much of the Lower Hudson Valley	Late Tonight through Thursday
Wind 	<ul style="list-style-type: none"> • 25 - 40 MPH wind gusts • 40 - 50 MPH wind gusts • Blowing and drifting snow • Potential for power outages 	Entire Tri-State Area <hr/> Long Island / SE CT	Late Thu Morning into Thursday Night
Cold 	<ul style="list-style-type: none"> • Wind Chills of -15 to -25 F • Frostbite and Hypothermia threat from prolonged exposure 	Entire Tri-State, Lowest wind chills interior areas	Late Thu night / Fri AM Late Fri night / Sat AM
Surge 	<ul style="list-style-type: none"> • Minor to Locally Moderate Coastal Flooding • Locally 1 to 2 ft of inundation along Western Great South Bay 	Western LI Sound, Southern and Eastern Bays of Long Island & NYC	Around the times of high tide Thursday morning

Summary of Greatest Impacts



Note:
Hazard impact level definitions can be found on our Graphical Hazardous Weather Outlook
<http://www.weather.gov/okx/ehwo>

Probabilistic Snowfall Forecasts

Expected Snowfall - Official NWS Forecast
Valid: 01/03/2018 07:00 PM - 01/05/2018 01:00 AM



National Weather Service
New York, NY

Follow Us:

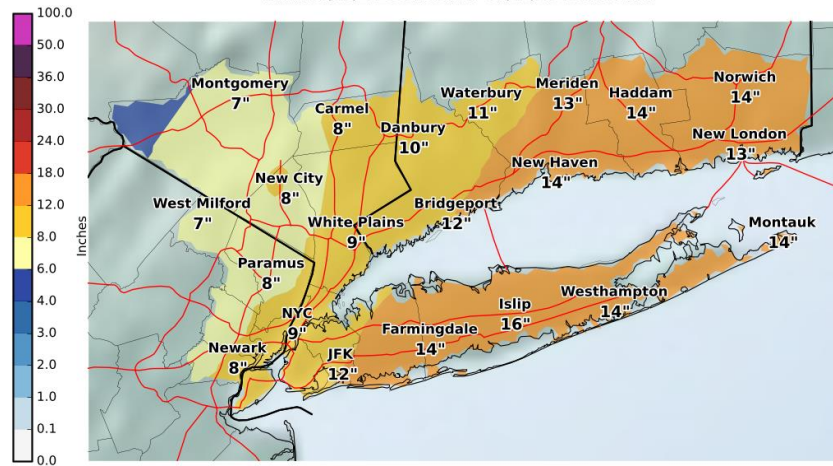
Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall
Valid: 01/03/2018 07:00 PM - 01/05/2018 01:00 AM



National Weather Service
New York, NY
01/03/2018 04:05 AM EST

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weather.gov/nyc/winter

High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall
Valid: 01/03/2018 07:00 PM - 01/05/2018 01:00 AM



National Weather Service
New York, NY
01/03/2018 04:06 AM EST

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weather.gov/nyc/winter



Strong Winds



Strong Wind Threat

- ✓ Gusts 30 to 40 mph for much of the Region
- ✓ Gusts 40 to 50 mph for Eastern LI and Southeastern CT

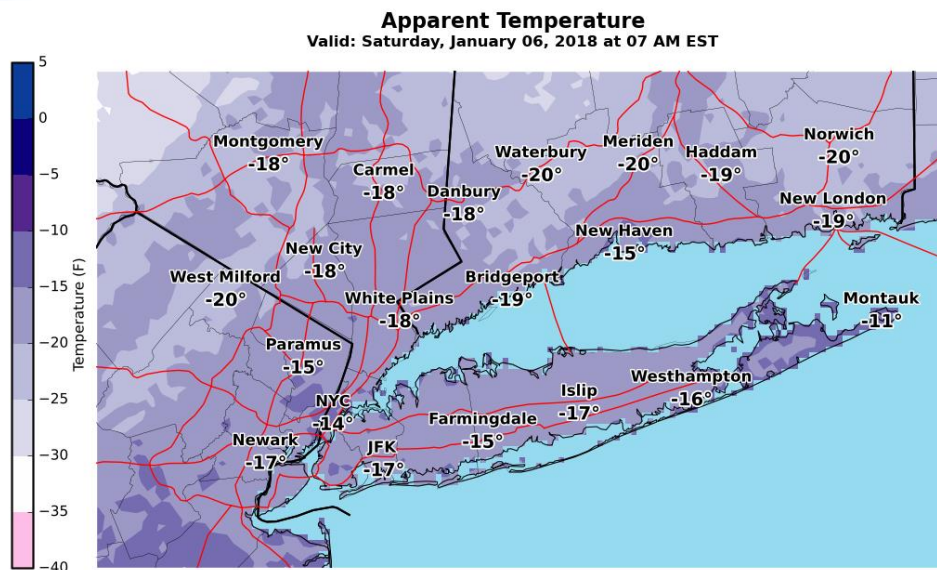
Timing and Location

- ✓ Late Thursday Morning into Thursday Night

Impacts

- ✓ Blowing and Drifting snow
- ✓ Potential for downed tree limbs, power lines and scattered power outages

Dangerous Cold



National Weather Service
New York NY
01/03/2018 06:33 AM EST

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Wind Chills

- ✓ -5 to -15 F Late Thursday Night into Friday Morning
- ✓ -15 to -25 F Late Friday Night into Saturday Morning

Impacts

- ✓ Frostbite and Hypothermia threat from prolonged exposure

Forecast Uncertainties and Scenarios

- ✓ Confidence is increasing for a moderate to high impact winter storm
- ✓ Storm track could still shift 25 to 50 miles.
 - ✓ A westward shift would increase likelihood of 1 ft of snow for LI and CT, and 6 + inches for NYC/NJ metro and areas east of the Hudson River. This would also increase the potential for blizzard conditions along the coast.
 - ✓ An eastward shift would result in snowfall amounts falling on the low end of the forecast range.

Event Summary

- ✓ 6 to 10 inches of snow likely across Suffolk County and most of Southern CT, with potential for 1 ft or more, late tonight through Thursday.
 - ✓ Snowfall rates of 1 to 2 “/ hr likely
 - ✓ Blizzard Conditions possible
- ✓ 3 to 6 inches of snow likely for NYC metro, SW CT, and Nassau County, with potential for 6” or more, late Tonight through Thursday
- ✓ 30 to 50 mph wind gusts late Thursday morning into Thursday Night may down some tree limbs and powerlines, as well as cause blowing and drifting of snow.
- ✓ Gale to Storm Conditions on the nearshore waters Thursday through Friday
- ✓ Dangerously cold wind chills likely early Friday Morning and early Saturday morning

Contact and Next Briefing Information



Next Briefing

When: 5pm 1/3

Method: slide show –via e-mail

Briefing Webpage:

http://www.weather.gov/okx/emnew_winter



Web:

<http://www.weather.gov/okx/>



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okx.operations@noaa.gov



Facebook:

<http://www.facebook.com/NWSNewYorkNY>



Twitter:

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YouTube:

<https://www.youtube.com/user/NWSNewYorkNY>

Disclaimer: The information contained within this briefing is time-sensitive, do not use after time month, date

